

In the Specification:

On page 1, after the title insert the following:

This is a U.S. national stage of application No. PCT/DE2005/000369, filed on 03 March 2005.

FIELD OF THE INVENTION

On page 1, amend the paragraph beginning on line 3 as follows:

The invention relates to a lamp ~~in accordance with the precharacterizing clause of claim~~
1. comprising at least one base for connection to a luminaire, having a curved, essentially
rotationally symmetrical reflector, a light source being arranged in the focal point or focal point
region of said reflector for the purpose of producing a directional, light distribution of the lamp,
the reflector having a reflector opening, which provides a light exit plane of the lamp.

On page 1, before line 6, insert the following heading:

BACKGROUND OF THE INVENTION

On page 1, insert the following heading before line 26:

SUMMARY OF THE INVENTION

On page 1, amend the paragraph beginning on line 26 as follows:

On the basis of the known lamp, ~~the~~ one object of the invention ~~consists in providing~~ is to
provide a lamp having a relatively long life.

On page 1, amend the paragraph beginning on line 29 through page 2, line 2 as follows:

~~The invention achieves this object with the features of claim 1, in particular with those of the characterizing clause, and is~~ This and other objects are attained in accordance with one aspect of the present invention directed to a lamp comprising at least one base for connection to a luminaire, having a curved, essentially rotationally symmetrical reflector, a light source being arranged in the focal point or focal point region of said reflector for the purpose of producing a directional light distribution of the lamp, the reflector having a reflector opening which provides a light exit plane of the lamp. ~~accordingly characterized by the fact that the~~ The light source is formed by at least one LED and is arranged spaced apart from the inside of the reflector, ~~and that at~~ At least one functional element of the LED, in particular at least one voltage supply line of the LED and/or at least one heat sink for the LED, at least partially extends essentially along the light exit plane or at least partially is arranged on that side of the light exit plane which faces away from the reflector.

On page 2, amend the paragraph beginning on line 4 as follows:

~~The~~ One principle of the invention ~~therefore essentially consists in providing~~ is to provide an LED in place of the known halogen incandescent lamp as the light source. As a result, the lamp can have a life which is extended by orders of magnitude. In this case, an LED module, for example an LED chip, which may have one or more LEDs (light-emitting diodes) is understood as the LED within the meaning of claim 1.

On page 4, amend the paragraph beginning on line 1 as follows:

~~The~~ A principle according to the invention therefore ~~consists in~~ involves not arranging components of a geometrical size which is required in any case in a region of the apex of the reflector, where comparatively high light losses result, but arranging these components in a region of the reflector opening and, owing to a suitable geometrical design, keeping the proportion of the shadowing cross-sectional area of the components low in relation to the entire reflector opening.

On page 4, amend the paragraph beginning on line 26 through page 5, line 2 as follows:

~~The formulation in accordance with claim 1, however, is also in this case intended to include those exemplary embodiments in which~~ The invention is intended to include the functional elements ~~are~~ arranged at a slight distance from the reflector opening. In particular, it is also possible in this context to envisage exemplary embodiments in which the actual, for example parabolic, reflector also has an associated free edge section, which has practically no additional light-deflecting or light-guiding function and therefore merely represents a type of extension of the reflector, for example for the purpose of fixing the reflector or for the purpose of limiting glare. In this case, the light exit plane within the meaning of the invention is at a slight distance from the actual reflector opening.

On page 5, amend the paragraph beginning on line 4 as follows:

Directional light distribution ~~within the meaning of claim 1~~ in accordance with the invention is understood to be, for example, a narrowly emitting, i.e. predominantly parallel, emission which requires a parabolic reflector. As an alternative to this, directional emission is also understood to be focusing emission, however, which requires a, for example, elliptical reflector, i.e. a reflector whose reflector inner surface has the curved form of a section of an ellipse. The reflector is rotationally symmetrical in this case, too.

On page 11, delete the paragraph beginning on line 1 through line 4.

On page 11, before line 6, insert the following heading:

BRIEF DESCRIPTION OF THE DRAWINGS

On page 11, before line 35, insert the following heading:

DETAILED DESCRIPTION OF THE DRAWINGS